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LD 90: Electronic Switched Network 3

Overlay program 90 allows data for network translation tables to be generated and administered.

Prompts and responses**Table of Contents**

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HLOC: Home Location data block (NARS only)

Prompt	Response	Comment
REQ	a...a	Request (a...a = CHG, END, LCHG, NEW, OUT, or PRT)
CUST	xx	Customer number associated with this function
FEAT	NET	Feature = NET
TRAN	aaa	Translator (aaa = AC1, AC2, or SUM)
TYPE	HLOC	Type = HLOC (Home Location code)
HLOC	xxx y..y	Home Location code, where xxx = home location code and y...y = extended code of 1-4 digits. The extended code is optional.
- DMI	1-255	Digit Manipulation Index

HNPA: Home Number Plan area code data block

Prompt	Response	Comment
REQ	a...a	Request (a...a = CHG, END, LCHG, NEW, OUT, or PRT)
CUST	xx	Customer number associated with this function
FEAT	NET	Feature = NET
TRAN	aaa	Translator (aaa = AC1, AC2, or SUM)
TYPE	HNPA	Type = HNPA (Home Number plan area code transmission)
HNPA	xxx	Home Numbering Plan Area code where xxx = 200 - 999
	1xxx	Home Numbering Plan Area code using 1+ dialing, where xxx = 200 - 999.

LOC: Location code data block (NARS only)

Prompt	Response	Comment
REQ	a...a	Request (a...a = CHG, END, LCHG, NEW, OUT, or PRT)
CUST	xx	Customer number associated with this function
FEAT	NET	Feature = NET
TRAN	aaa	Translator (aaa = AC1, AC2, or SUM)
TYPE	LOC	Type = LOC (Location code)
LOC	xxx y..y	Location code, where xxx = home location code and y..y = extended code of 1-4 digits. The extended code is optional.
- FLEN	(0)-24	Flexible Length
- RLI	xxx	Route List Index
- ITOH	(NO) YES	Inhibit Time Out Handler
- ITEI	xxx	Incoming Trunk group Exclusion Index
- LDN	xx...xx	Listed Directory Number
- DID	(NO) YES	Direct Inward Dial (DID)
- - MNXX	(NO) YES	Multiple NXX
- - SAVE	1-4	Saved digits
- - - OFFC	xxx	Office

- - RNGE 0-9999 0-9999 Range

NPA: Number Plan area code data block

Prompt	Response	Comment
REQ	a...a	Request (a...a = CHG, END, LCHG, NEW, OUT, or PRT)
CUST	xx	Customer number associated with this function
FEAT	NET	Feature = NET
TRAN	aaa	Translator (aaa = AC1, AC2, or SUM)
TYPE	NPA	Type = NPA (Number plan area code transmission)
NPA	xxx y..y z..z	Numbering Plan Area code translation, where xxx = 3 digits, y..y = 1-3 digits, and z..z = 1-4 digits. the y..y and z..z entries are optional. Precede the xxx entry with the character "1" when using 1+ dialing.
- RLI	xxx	Route List Index
- SDRR	a...a	Supplemental Digit Restriction or Recognition (a...a = ALLOW, ARRN, DDD, DENY, DID, ITED, LDDD, LDID, or STRK)
- - DENY	x...x	Number to be denied within the NPA
- - DMI	1-255	Digit Manipulation Index
- - - LDID	x...x	Local DID number to be recognized
- - LDDD	x...x	Local DDD number to be recognized
- - DID	x...x	Remote DID number to be recognized
- - DDD	x...x	Remote DDD number to be recognized
- - ITED	x...x	Incoming Trunk group Exclusion Digits
- - ALLOW	x...x	Allowed codes
- ITEI	xxx	Incoming Trunk group Exclusion Index

NSCL: Network Speed Call List data block

Prompt	Response	Comment
REQ	a...a	Request (a...a = CHG, END, LCHG, NEW, OUT, or PRT)
CUST	xx	Customer number associated with this function
FEAT	NET	Feature = NET
TRAN	aaa	Translator (aaa = AC1, AC2, or SUM)
TYPE	NSCL	Type = NSCL (Network Speed Call List)
- ITEI	xxx	Incoming Trunk group Exclusion Index
NSCC	xxx	Network Speed Call access Code
- SSCL	0-253	System Speed Call List number

NXX : Central Office Code Translation data block

Prompt	Response	Comment
REQ	a...a	Request (a...a = CHG, END, LCHG, NEW, OUT, or PRT)
CUST	xx	Customer number associated with this function
FEAT	NET	Feature = NET
TRAN	aaa	Translator (aaa = AC1, AC2, or SUM)
TYPE	NXX	Type = NXX (Central Office Code Translation)
NXX	xxx y..y	Numbering Plan Exchange (Central Office)
- RLI	xxx	Route List Index
- SDRR	a...a	Supplemental Digit Restriction or Recognition (a...a = ALLOW, ARRN, DDD, DENY, DID, ITED, LDDD, LDID, or STRK)
- - DENY	x...x	Number to be denied within the NXX
- - DMI	1-255	Digit Manipulation Index
- - - LDID	x...x	Local DID number to be recognized
- LDDD	x...x	Local DDD number to be recognized
- - DID	x...x	Remote DID number to be recognized
- - DDD	x...x	Remote DDD number to be recognized
- - ITED	x...x	Incoming Trunk group Exclusion Digits
- - ALLOW	x...x	Allowed codes
- ITEI	xxx	Incoming Trunk group Exclusion index

SPN: Special Number Translation data block

Prompt	Response	Comment
REQ	a...a	Request (a...a = CHG, END, LCHG, NEW, OUT, or PRT)
CUST	xx	Customer number associated with this function
FEAT	NET	Feature = NET
TRAN	aaa	Translator (aaa = AC1, AC2, or SUM)
TYPE	SPN	Type = SPN (Special Number Translation)
SPN	x..x	Special Number translation
- FLEN	(0)-24	Flexible Length
- - INPL	(NO) YES	International Dialing Plan
- ITOH	(NO) YES	Inhibit Time-out Handler
- RLI	xxx	Route List Index
- CLTP	a...a	Type of call that is defined by the special number (a...a = (NONE), LOCL, NATL, INTL, SSER, or SERH)
- SDRR	a...a	Supplemental Digit Restriction or Recognition (a...a = ALLOW, ARRN, DDD, DENY, DID, ITED, LDDD, LDID, or STRK)
- - DENY	x...x	Number to be Denied
- - DMI	1-255	Digit Manipulation Index
- - - LDID	x...x	Local DID number to be recognized
- - LDDD	x...x	Local DDD number to be recognized
- - DID	x...x	Remote DID number to be recognized
- - DDD	x...x	Remote DDD number to be recognized
- - ITED	x...x	Incoming Trunk group Exclusion Digits
- - ARRN	x...x	Alternate Routing Remote Number
- - STRK	x...x	Allowed codes for ADM/MDM
- - ALLOW	x...x	Allowed codes
- - - ARLI	0-255 0-999	Alternative Route List Index

Alphabetical list of prompts

Prompt	Response	Comment	Pack/Rel
ALOW	x...x	Allowed codes for ADM/MDM to be recognized within the NXX, NPA or SPN The maximum number of digits to be entered must be the lesser of 10 or: • 7-m (8-m for 1 + dialing) for NXX • 10-m (11-m for 1 + dialing) for NPA • 19-m for SPN Where: m = number of digits entered for NPA, NXX, or SPN. For Release 22 and later, these numbers do not have to be leftwise unique. For non leftwise unique numbers, the longer number takes precedence over the shorter number. However, the exact same numbers (not leftwise unique and the same length) are still blocked.	basic-22
ARLI	0-255 0-999	Alternative Route List Index Alternative Route List Index with Flexible Numbering Plan (FNP) package 160. The ARRN prompt is repeated after the ARLI prompt until <cr> is entered (in response to ARRN).	fnp-16
ARRN	x...x	Alternate Routing Remote Number to be recognized within the NXX, NPA or SPN. The maximum number of digits to be entered must be the lesser of 10 or: • 7-m (8-m for 1 + dialing) for NXX • 10-m (11-m for 1 + dialing) for NPA • 19-m for SPN Where: m = number of digits entered for NPA, NXX, or SPN. For Release 22 and later, these numbers do not have to be leftwise unique. For non leftwise unique numbers, the longer number takes precedence over the shorter number. However, the exact same numbers (not leftwise unique and the same length) are still blocked.	fnp-16
CLTP	(NONE)	Type of call that is defined by the special number. No call type	kd3-20

LD 90

Prompt	Response	Comment	Pack/Rel
	LOCL NATL INTL SSER SERH	Local National International Special Service Special Service Hold	
CUST	xx	Customer number associated with this function as defined in LD 15.	b/nars-1
DDD	x...x	Remote DDD number to be recognized within the NPA, NXX or SPN. The maximum number of digits to be entered must be the lesser of 10 or: • 7-m (8-m for 1 + dialing) for NXX • 10-m (11-m for 1 + dialing) for NPA • 19-m for SPN Where: m = number of digits entered for NPA, NXX, or SPN. For Release 22 and later, these numbers do not have to be leftwise unique. For non leftwise unique numbers, the longer number takes precedence over the shorter number. However, the exact same numbers (not leftwise unique and the same length) are still blocked.	b/nars-5
	<cr>	Return to SDRR prompt.	
DENY	x...x	Number to be denied within the NPA,NXX,SPN, or SDR. The maximum number of digits to be entered must be the lesser of 10 or: • 7-m (8-m for 1 + dialing) for NXX • 10-m (11-m for 1 + dialing) for NPA • 19-m for SPN Where: m = number of digits entered for NPA, NXX, or SPN. For Release 22 and later, these numbers do not have to be leftwise unique. For non leftwise unique numbers, the longer number takes precedence over the shorter number. However, the exact same numbers (not leftwise unique and the same length) are still blocked.	b/nars-1

Prompt	Response	Comment	Pack/Rel
	<cr>	Return to SDRR prompt.	
DID	(NO) YES	Direct Inward Dial (DID) This location arranged for DID.	
DID	x...x	Remote DID number to be recognized within the NPA,NXX or SPN. The maximum number of digits to be entered must be the lesser of 10 or: • 7-m (8-m for 1 + dialing) for NXX • 10-m (11-m for 1 + dialing) for NPA • 19-m for SPN Where: m = number of digits entered for NPA, NXX, or SPN. For Release 22 and later, these numbers do not have to be leftwise unique. For non leftwise unique numbers, the longer number takes precedence over the shorter number. However, the exact same numbers (not leftwise unique and the same length) are still blocked. Precede with X to remove.	bnars-1
	<cr>	Return to SDRR prompt.	
DMI	1-255 1-999	Digit Manipulation Index (Release 13 and later) Digit Manipulation Index with Flexible Numbering Plan (FNP) package 160 DMI is only prompted when the Directory Number Expansion (DNXP) package 150 is equipped and SDRR = LDID.	dnxp-13
FEAT	NET	Feature Network translation tables	nars-1
FLEN	(0)-16 (0)-24	Flexible Length (the number of digits the system expects to receive before accessing a trunk and outpulsing these digits) Flexible Length range prior to Release 22 Flexible Length range for Release 22	fnp-20

LD 90

Prompt	Response	Comment	Pack/Rel
HLOC	xxx xxx y..y	Home Location code xxx = 3 digits Extended Home Location code, where xxx = 3 digits and y..y = 1-4 digits. Separate the xxx and y..y with a space.	nars-1
HNPA	xxx 1xxx	Home Numbering Plan Area code (a leading zero is not allowed) Response for Home Numbering Plan Area code, where xxx = 200-999. A leading zero is not allowed. Response for Home Numbering Plan Area code using 1+ dialing, where xxx = 200-999. Note that the xxx entry must be preceded with the character "1".	nanp-19
INPL	(NO) YES	International Dialing Plan for special number Default to North American operation when FLEN = 0. Prompted with Flexible Numbering Plan (FNP) package 160, FLEN = 0 and SPN = 0, 00, 01, 011, 411, 611, 911, 800, 1800.	
ITED	x...x	Incoming Trunk group Exclusion Digits (number to be restricted within the NPA for the excluded trunk group) The maximum number of digits to be entered must be the lesser of 10 or: • 7-m (8-m for 1 + dialing) for NXX • 10-m (11-m for 1 + dialing) for NPA • 19-m for SPN Where: m = number of digits entered for NPA, NXX, or SPN. For Release 22 and later, these numbers do not have to be leftwise unique. For non leftwise unique numbers, the longer number takes precedence over the shorter number. However, the exact same numbers (not leftwise unique and the same length) are still blocked.	b/nars-1
	<cr>	Return to SDRR prompt	
ITEI	(0)-127 (0)-255	BARS Incoming Trunk group Exclusion Index NARS Incoming Trunk group Exclusion Index	b/nars-5
ITOH	(NO) YES	Inhibit Time-Out Handler	fnp-16

Prompt	Response	Comment	Pack/Rel
LDDD	x...x	Local DDD number to be recognized within the NPA, NXX, or SPN The maximum number of digits to be entered must be the lesser of 10 or: • 7-m (8-m for 1 + dialing) for NXX • 10-m (11-m for 1 + dialing) for NPA • 19-m for SPN Where: m = number of digits entered for NPA, NXX, or SPN. For Release 22 and later, these numbers do not have to be leftwise unique. For non leftwise unique numbers, the longer number takes precedence over the shorter number. However, the exact same numbers (not leftwise unique and the same length) are still blocked.	b/nars-5
	<cr>	Return to SDRR prompt	
LDID	x...x	Local DID number to be recognized within the NXX, NPA or SPN The maximum number of digits to be entered must be the lesser of 10 or: • 7-m (8-m for 1 + dialing) for NXX • 10-m (11-m for 1 + dialing) for NPA • 19-m for SPN Where: m = number of digits entered for NPA, NXX, or SPN. For Release 22 and later, these numbers do not have to be leftwise unique. For non leftwise unique numbers, the longer number takes precedence over the shorter number. However, the exact same numbers (not leftwise unique and the same length) are still blocked.	b/nars-5
	<cr>	Return to SDRR prompt	
LDN	xx...xx	Listed Directory Number Up to 10 digit listed directory number, including NPA.	

Prompt	Response	Comment	Pack/Rel
LOC	x...x xxx y..y	Location code , where xxx = 3 digits Extended Location code, where xxx = 3 digits and y..y = 1-4 digits. Separate xxx and y..y entries with a space.	nars-1
MNXX	(NO) YES	Multiple NXX codes and ranges This prompt should not be used with NARS DPNSS1.	b/nars-5
NPA	xxx xxx y..y z..z 1xxx 1xxx y..y z..z	Numbering Plan Area code translation Area code translation, where xxx = 3 digits. A leading zero is not allowed. Extended NPA code translation. An extended NPA code can be from 4 to 10 digits, where xxx = 3 digits, y..y = 1-3 digits and z..z = 1-4 digits. Separate xxx, y..y and z..z entries with a space. Area code translation using 1+ dialing, where xxx = 3 digits. Note that the xxx entry must be preceded with the character "1". Extended NPA code translation 1+ dialing. An extended NPA code using 1+ dialing can be from 5 to 11 digits, where xxx = 3 digits, y..y = 1-3 digits and z..z = 1-4 digits. Separate xxx, y..y and z..z entries with a space. Note that the xxx entry must be preceded with the character "1".	nanp-19
NSCC	xxx	One to three-digit Network Speed Call access Code	nars-1
NXX		Numbering Plan Exchange	b/nars-1
	xxx 1xxx xxx y..y 1xxx y..y	Office code translation, where xxx = 3 digits. A leading zero is not allowed. Office code translation using 1+ dialing, where: xxx = 3 digits. The xxx entry must be preceded with the digit "1". Extended NXX code, where xxx = 3 digits and y..y = 1-4 digits. Separate the NXX code (xxx) and the extended Extended NXX code using 1+ dialing, where xxx = 3 digits and y..y = 1-4 digits. Separate the NXX code (xxx) and the extended code (y..y) with a space. The xxx entry must be preceded with the digit "1".	
	<cr>	Return to REQ.	
OFFC	xxx	Office (NXX of the DID number) Prompted if MNXX = YES.	b/nars-5

Prompt	Response	Comment	Pack/Rel
REQ	CHG END LCHG NEW OUT PRT	Request. Change existing data block. Exit Overlay program. Print date and time that each data group was last changed (data groups include: LOC, HLOC, NPA, HNPA, NXX, SPN and NSCL) Create new data block. Delete existing data block. Print data block.	esn-1
RLI	0-127 0-255 0-999	BARS Route List Index NARS Route List Index Flexible Numbering Plan (FNP) Route List Index Must be in the range specified by prompt MXRL in LD 86, (i.e., 0 ≤ RLI < MXRL).	esn-20
RNGE	0-9999 0-9999	Range (upper and lower limit for DID number range) Inputs must be the same number of digits as the number of trailing digits to be saved.	b/nars-1
SAVE	1-4	Saved digits (number of trailing digits to be saved in dialed extension number - DID only) Must be 4 if MNXX = YES.	b/nars-1
SDRR	ALLOW ARRN DDD DENY DID ITED LDDD LDID STRK <cr>	Supplemental Digit Restriction or Recognition Allowed codes Alternate Routing Remote Number Recognized remote Direct Distance Dial codes Restricted codes Recognized remote Direct Inward Dial codes Incoming Trunk group Exclusion Digits Recognized Local Direct Distance Dial codes Recognized Local Direct Inward Dial codes For ADM/MDM trunk groups Return to SPN	b/nars-5

Prompt	Response	Comment	Pack/Rel
SPN		Special Number. Enter a carriage return or <cr> to return to the REQ prompt. <i>Prior to Release 22:</i> Special Number translation Special Number translation (1+ dialing) Extended SPN code (3-10 digits, or 4-11 digits with 1+ dialing) Enter the SPN digits in groups of 3 or 4 digits, separated by a space (e.g., xxx xxxx xxxx). The SPN can be up to a total of 11 digits. The maximum number of groups allowed is 4. <i>For Release 22 and later:</i> Special Number translation Enter the SPN digits in groups of 3 or 4 digits, separated by a space (e.g., xxxx xxx xxxx). The SPN can be up to 19 digits long. The maximum length no longer depends on whether or not the first digit of the SPN is a "1". That restriction has been removed. The maximum number of groups allowed is 5.	b/nars-1
	xxx xxxx x...x		
	x...x		
SSCL	0-253 0-4095	System Speed Call List number Release 13 and later	nars-1
STRK	x...x	Allowed codes for ADM/MDM to be recognized within the NXX, NPA or SPN The maximum number of digits to be entered must be the lesser of 10 or: • 7-m (8-m for 1 + dialing) for NXX • 10-m (11-m for 1 + dialing) for NPA • 19-m for SPN Where: m = number of digits entered for NPA, NXX, or SPN. For Release 22 and later, these numbers do not have to be leftwise unique. For non leftwise unique numbers, the longer number takes precedence over the shorter number. However, the exact same numbers (not leftwise unique and the same length) are still blocked.	

Prompt	Response	Comment	Pack/Rel
TRAN		Translator	b/nars-1
	AC1	Access Code 1 (NARS/BARS)	
	AC2	Access Code 2 (NARS)	
	SUM	Summary of Network Translations (allowed when REQ = PRT)	
TYPE		Type of data block	esn-1
	ALL	If REQ = PRT, all of the following types will be printed	
	HLOC	ESN Home Location Code translation data block (NARS only)	
	HNPA	Home NPA translation code (Should not be used on DPNSS1)	
	LOC	ESN Location Code translation data block (NARS only)	
	NPA	Numbering Plan Area code translation data block (Should not be used on DPNSS1)	
	NSCL	Network Speed Call List data block	
	NXX	Central Office Code Translation data block (Should not be used on DPNSS1)	
	SPN	Special code translation data block	

